



Kentec Electronics Ltd.

OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS FOR ALL MODELS OF THE ELITE PANEL.

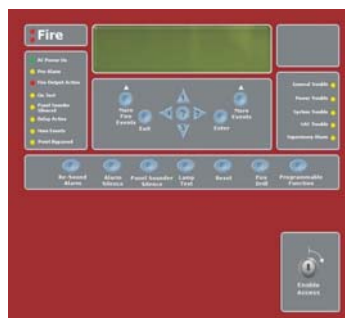
PERFORM THE FOLLOWING OPERATIONS TO PERFORM COMMANDS, DETERMINE STATUS, OPERATE CONTROLS AND INTERPET PANEL INFORMATION:

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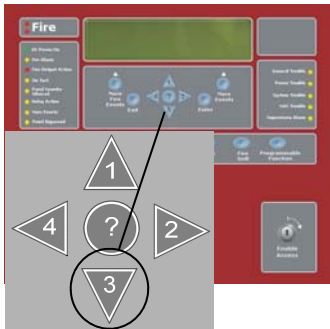
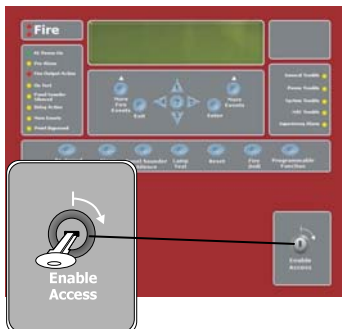
PART NUMBER - Man-1205, REVISION E06.00
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PERFORMING COMMANDS

OPERATE THE CONTROL PANEL IN ACCESS LEVEL 2 TO PERFORM COMMANDS FOR PANEL SOUNDER SILENCE, ALARM SILENCE, RE-SOUND ALARM OR RESET.

SET ACCESS LEVEL 2 USING THE KEYPAD OR THE ENABLE-ACCESS KEY-SWITCH ON THE FRONT-PANEL.

	USING THE KEYPAD	USING THE ENABLE ACCESS KEY-SWITCH
1	<p>PRESS THE 3 BUTTON ON THE UPPER-CONTROL-PAD.</p> 	<p>TURN THE ENABLE ACCESS KEY-SWITCH TO THE RIGHT AS SHOWN WITH THE WHITE-ARROW .</p> 
	<p>THE FOLLOWING MESSAGE IS DISPLAYED:</p> <pre> SET ACCESS LEVEL 2 MENU Enter Access Level 2 Password Use numbered arrow keys ***** Access will automatically expire after 25 seconds if no key is pressed. ENTER TO PROCEED - EXIT TO QUIT </pre>	<p>THE FOLLOWING MESSAGE IS DISPLAYED:</p> <pre> 15:29 Monday 19, May 2008 AUTO CONFIGURED PANEL ACCESS LEVEL 2 V4.00031 USE ARROW KEYS TO VIEW MAIN MENU PRESS ? FOR HELP </pre>
2	<p>TYPE THE FIVE DIGIT CODE IN THE PASSWORD FIELD USING THE UPPER-CONTROL-PAD AND THEN PRESS ENTER.</p>	<p>THE CONTROL PANEL IS NOW IN ACCESS LEVEL 2. GO TO STEP 3 TO INITIATE COMMANDS.</p>

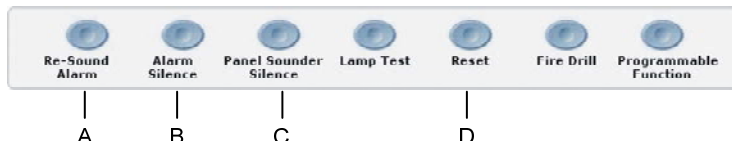


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PERFORMING COMMANDS

	USING THE KEYPAD	USING THE ENABLE ACCESS KEY-SWITCH
3	PRESS BUTTONS ON THE LOWER-CONTROL-PAD TO PERFORM COMMANDS FOR PANEL SOUNDER SILENCE, ALARM SILENCE, RE-SOUND ALARM OR RESET.	



KEY	CONTROLS	DESCRIPTION
A	RE-SOUND ALARM	RE-SOUNDS THE ALARM FOLLOWING A MUTING EVENT INITIATED BY THE PANEL SOUNDER SILENCE OR ALARM SILENCE COMMAND.
B	ALARM SILENCE	MUTES THE INTERNAL BUZZER AS WELL AS THE SOUNDERS CONNECTED TO THE CONTROL PANEL. INITIATING THIS COMMAND MUTES SOUNDER DEVICES ON THE ENTIRE NETWORK.
C	PANEL SOUNDER SILENCE	MUTES THE INTERNAL BUZZER OF THE CONTROL PANEL. NO OTHER SOUNDER OUTPUTS ARE SILENCED BY THIS COMMAND
D	RESET	CLEARs INPUT EVENTS ON THE CONTROL PANEL SUCH AS FIRE AND PRE-ALARM CONDITIONS. TROUBLE EVENTS CANNOT BE CLEARED BY THE RESET COMMAND. CONTACT YOUR AUTHORIZED SERVICING CONTRACTOR TO CORRECT CONDITIONS CAUSING TROUBLE EVENTS.

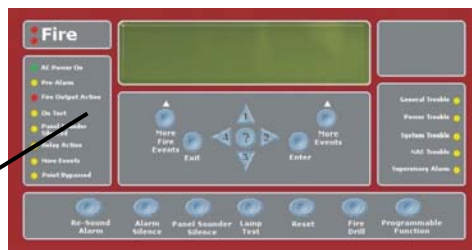
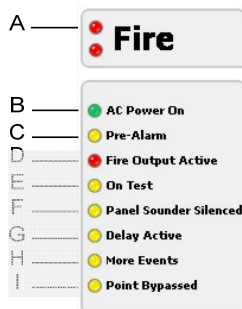


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DETERMINING STATUS

LEFT LED INDICATORS



KEY	LED LIT	COLOR	DESCRIPTION
A	FIRE	RED	<p>AN ALARM OR FIRE DRILL CONDITION EXISTS. THE STATUS CONDITION IS PROVIDED ON THE LCD DISPLAY. THE BUZZER SOUNDS INTERMITTENTLY.</p> <p>OUTPUT RELAYS ARE ACTIVATED:</p> <ul style="list-style-type: none"> FLASHING = NACS ACTIVATED ON CONTINUOUS = NACS SILENCED OFF = PANEL AND NACS RESET
B	AC POWER ON	GREEN	AC POWER IS ON
C	PRE-ALARM	YELLOW	<p>A PRE-ALARM CONDITION EXISTS. PRE-ALARM STATUS IS PROVIDED ON THE LCD DISPLAY.</p> <p>THE BUZZER SOUNDS CONTINUOUSLY.</p>

TABLE DESCRIPTIONS FOR LED INDICATORS D THROUGH I ARE PROVIDED ON THE FOLLOWING PAGE.

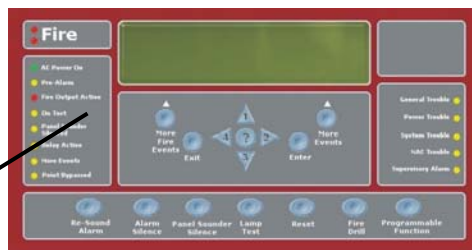
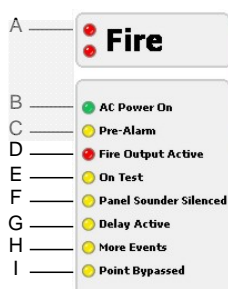


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DETERMINING STATUS

LEFT LED INDICATORS



KEY	LED LIT	COLOR	DESCRIPTION
D	FIRE OUTPUT ACTIVE	RED	OUTPUTS PROGRAMMED FOR FIRE CONDITIONS HAVE ACTIVATED.
E	ON TEST	YELLOW	A TEST IS IN PROGRESS.
F	PANEL SOUNDER-SILENCE	YELLOW	THE PANEL SOUNDER SILENCE BUTTON WAS DEPRESSED. NAC OUTPUTS ARE NOT AFFECTED.
G	DELAY ACTIVE	YELLOW	WARNING-SOUNDERS HAVE BEEN DELAYED DURING A FIRE CONDITION. PRESS THE ALARM SILENCE BUTTON TO MUTE OR EXTEND THE DELAY TO A SECOND STAGE DELAY.
H	MORE EVENTS	YELLOW	MORE EVENTS HAVE OCCURRED THAN ARE DISPLAYED ON THE LCD. PRESS THE "MORE EVENTS" BUTTON TO DISPLAY THE COMPLETE EVENT LIST.
I	POINT BYPASSED	YELLOW	LCD MENU OPTIONS HAVE BEEN USED TO DISABLE DEVICES.

TABLE DESCRIPTIONS FOR LED INDICATORS A, B AND C ARE PROVIDED ON THE PREVIOUS PAGE.



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DETERMINING STATUS

RIGHT LED INDICATORS



KEY	LED LIT	COLOR	DESCRIPTION
A	GENERAL TROUBLE	YELLOW	<p>A GENERAL TROUBLE CONDITION EXISTS WHEN FLASHING.</p> <p>THE GENERAL TROUBLE CONDITION IS IDENTIFIED BY OTHER LIT LEDS.</p> <p>STATUS IS PROVIDED ON THE LCD DISPLAY.</p> <p>THE BUZZER SOUNDS CONTINUOUSLY.</p>
B	POWER TROUBLE	YELLOW	<p>A POWER TROUBLE EXISTS.</p> <p>STATUS IS PROVIDED ON THE LCD DISPLAY.</p> <p>THE BUZZER SOUNDS CONTINUOUSLY.</p>

TABLE DESCRIPTIONS FOR LED INDICATORS C THROUGH E ARE PROVIDED ON THE FOLLOWING PAGE.



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DETERMINING STATUS

RIGHT LED INDICATORS



KEY	LED LIT	COLOR	DESCRIPTION
C	SYSTEM TROUBLE	YELLOW	<p>A SYSTEM DEVICE OR CIRCUIT IS FAULTY OR IS DISABLED.</p> <p>ADDITIONAL STATUS IS PROVIDED ON THE LCD DISPLAY.</p> <p>PRESS THE PANEL SOUNDER SILENCE BUTTON TO SILENCE THE BUZZER.</p>
D	NAC TROUBLE	YELLOW	<p>A NAC TROUBLE EXISTS ON ONE OF THE NAC CIRCUITS OF THE CONTROL UNIT BOARD.</p> <p>CONNECTIONS AT THIS LOCATION ARE FAULTY OR DISABLED.</p>
E	SUPERVISORY ALARM	YELLOW	<p>A SUPERVISORY POINT HAS BEEN ACTIVATED. STATUS IS PROVIDED ON THE LCD DISPLAY.</p> <p>THE BUZZER SOUNDS CONTINUOUSLY.</p>

TABLE DESCRIPTIONS FOR LED INDICATORS A, B AND C ARE PROVIDED ON THE PREVIOUS PAGE.

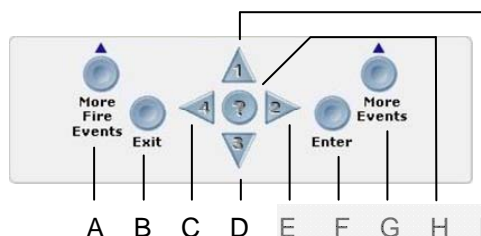


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OPERATING CONTROLS

UPPER CONTROLS



KEY	NAME	DESCRIPTION	OPERATION
A	MORE FIRE EVENTS	DISPLAYS THE NUMBER OF ALARMS PRESENT AND OVERRIDES THE DISPLAY PROVIDED BY MENU NAVIGATION. PROVIDES EVENT STATUS FOR FIRES.	<ol style="list-style-type: none"> 1 PRESS THE MORE FIRE EVENTS BUTTON. 2 READ EVENT ON LCD. 3 PRESS 3 TO SCROLL THROUGH EVENTS. 4 PRESS 2 TO DISPLAY EVENT. 5 PRESS 3 TO SCROLL THROUGH EVENTS.
B	EXIT	CANCELS THE CURRENT MENU SELECTION AND RETURNS TO THE MAIN MENU.	PRESS EXIT TO CANCEL THE CURRENT MENU SELECTION AND RETURN TO THE MAIN MENU.
C	4	NAVIGATES MENU SELECTIONS LEFT	PRESS 4 TO NAVIGATE LEFT THROUGH MENU SELECTIONS.
D	3	NAVIGATES MENU SELECTION DOWN.	PRESS 3 TO NAVIGATE DOWN THROUGH MENU SELECTIONS.

TABLE DESCRIPTIONS FOR LED INDICATORS E THROUGH I ARE PROVIDED ON THE FOLLOWING PAGE.

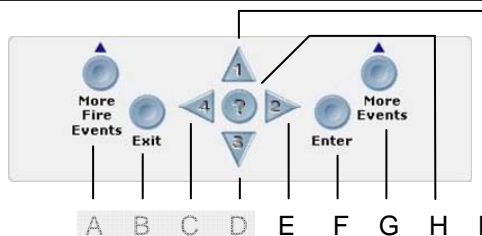


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OPERATING CONTROLS

UPPER CONTROLS



KEY	NAME	DESCRIPTION	OPERATION
E	2	NAVIGATES MENU SELECTIONS RIGHT	PRESS 2 TO NAVIGATE RIGHT THROUGH MENU SELECTIONS.
F	ENTER	ENABLES THE MENU SELECTION.	PRESS ENTER TO ENABLE THE MENU SELECTION.
G	MORE EVENTS	DISPLAYS THE NUMBER OF EVENTS AND OVERRIDES MENU NAVIGATION. PROVIDES EVENT STATUS FOR NON-FIRE ALARM EVENTS.	<ol style="list-style-type: none"> 1 PRESS THE MORE EVENTS BUTTON. 2 READ EVENT ON THE LCD. 3 PRESS 3 TO SCROLL THROUGH EVENTS. 4 PRESS 2 TO DISPLAY EVENT. 5 PRESS 3 TO SCROLL THROUGH EVENTS.
H	?	PROVIDES A "HELP SCREEN" FOR THE CURRENT MENU DISPLAY AND ALSO DISPLAYS STATUS.	PRESS ? TO PROVIDE STATUS FOR THE EXISTING LCD DISPLAY.
I	1	NAVIGATES MENU SELECTIONS UP.	PRESS 1 TO NAVIGATE UP THROUGH MENU SELECTIONS.

TABLE DESCRIPTIONS FOR LED INDICATORS A THROUGH D ARE PROVIDED ON THE PREVIOUS PAGE.

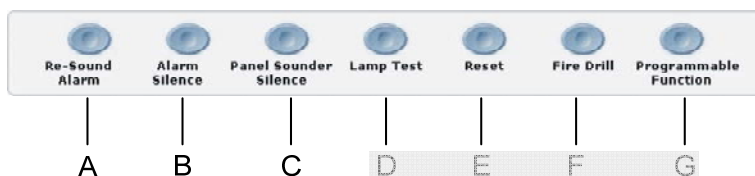


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OPERATING CONTROLS

LOWER CONTROLS



KEY	NAME	DESCRIPTION	OPERATION
A	RE-SOUND ALARM	RE-SOUNDS ALARM AFTER THE CONDITION IS SILENCED BY THE PANEL SOUNDER SILENCE BUTTON. RE-SOUNDS NAC ALARMS SILENCE BY THE ALARM SILENCE BUTTON.	<ol style="list-style-type: none"> 1 PRESS 3 TO DISPLAY THE "SET ACCESS LEVEL 2 MENU" 2 PROVIDE ACCESS LEVEL 2 AUTHORIZATION 3 PRESS ENTER 4 PRESS THE "RE-SOUND ALARM" BUTTON.
B	ALARM SILENCE	SILENCES NACS. ALSO SILENCES THE INTERNAL BUZZER DURING, TROUBLES, ALARMS AND FIRE DRILL TESTING.	<ol style="list-style-type: none"> 1 PRESS 3 TO DISPLAY THE "SET ACCESS LEVEL 2 MENU". 2 PROVIDE ACCESS LEVEL 2 AUTHORIZATION. 3 PRESS ENTER 4 PRESS THE "ALARM SILENCE" BUTTON.
C	PANEL SOUNDER SILENCE	MUTES THE CONTROL PANEL BUZZER ONLY.	PRESS THE PANEL SOUNDER SILENCE BUTTON.

TABLE DESCRIPTIONS FOR LED INDICATORS D THROUGH G ARE PROVIDED ON THE FOLLOWING PAGES.

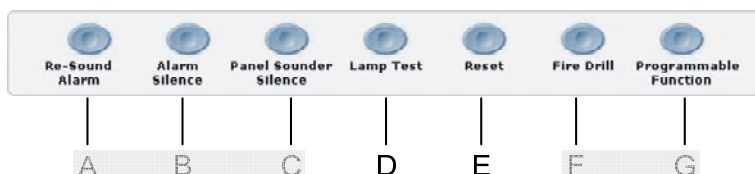


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OPERATING CONTROLS

LOWER CONTROLS



KEY	NAME	DESCRIPTION	OPERATION
D	LAMP TEST	TEST THE CONTROL PANEL LCD DISPLAY, THE INTERNAL BUZZER AND LEDS.	PRESS THE LAMP TEST BUTTON TO ILLUMINATE ALL LEDS. THE LAMP TEST CAUSES THE INTERNAL BUZZER TO SOUND AND DARKENS THE LCD DISPLAY.
E	RESET	RESETS LATCHING INPUTS SUCH AS FIRE AND PRE-ALARM EVENTS.	<ol style="list-style-type: none"> 1 PRESS 3 TO DISPLAY THE "SET ACCESS LEVEL 2 MENU" 2 PROVIDE ACCESS LEVEL 2 AUTHORIZATION 3 PRESS ENTER 4 PRESS THE "RESET" BUTTON.

TABLE DESCRIPTIONS FOR LED INDICATORS F AND G ARE PROVIDED ON THE FOLLOWING PAGE.

TABLE DESCRIPTIONS FOR LED INDICATORS A THROUGH C ARE PROVIDED ON THE PREVIOUS PAGE.

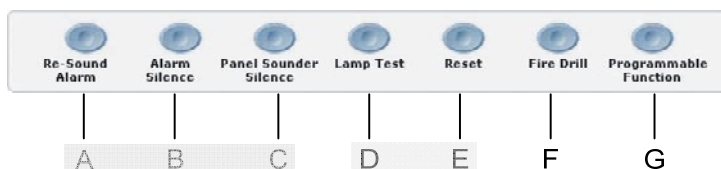


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OPERATING CONTROLS

LOWER CONTROLS



KEY	NAME	DESCRIPTION	OPERATION
F	FIRE DRILL	PLACES THE CONTROL PANEL IN A FULL FIRE CONDITION.	<ol style="list-style-type: none"> 1 PRESS 3 TO DISPLAY THE "SET ACCESS LEVEL 2 MENU" 2 PROVIDE ACCESS LEVEL 2 AUTHORIZATION 3 PRESS ENTER 4 PRESS THE "FIRE DRILL" BUTTON <p>TO STOP THE FIRE DRILL:</p> <ol style="list-style-type: none"> 1 PRESS 3 TO DISPLAY THE "SET ACCESS LEVEL 2 MENU" 2 PROVIDE ACCESS LEVEL 2 AUTHORIZATION 3 PRESS ENTER 4 PRESS THE "FIRE DRILL" OR RESET BUTTON
G	PROGRAM-MABLE FUNCTION	THE PROGRAMMABLE FUNCTION BUTTON CAN BE CONFIGURED TO PERFORM OTHER FUNCTIONS..	<p>REQUIRES CUSTOMIZATION TO CONFIGURE THIS BUTTON.</p> <p>PLEASE CONTACT YOUR INSTALLATION CONTRACTOR FOR MORE INFORMATUION.</p>

TABLE DESCRIPTIONS FOR LED INDICATORS A THROUGH E ARE PROVIDED ON PAGES 10 AND 11.



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INTERPRETING PANEL INFORMATION

NORMAL STANDBY

THE FOLLOWING FORMAT APPEARS ON THE FRONT-PANEL-DISPLAY WHEN OPERATING WITHOUT TROUBLES OR ALARMS:

```
TIME, DAY, DATE  
  
DEFAULT OR USER DEFINED MESSAGE  
  
USE ARROW KEYS TO ENABLE PANEL  
  
PRESS ? FOR HELP
```

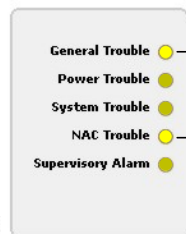
TROUBLE-SILENCE

THE FOLLOWING CONDITIONS OCCUR AFTER PRESSING THE "PANEL SOUNDER SILENCE" BUTTON TO SILENCE A TROUBLE:

- THE GENERAL TROUBLE LED FLASHES YELLOW
- THE POWER TROUBLE LED FLASHES YELLOW
- THE INTERNAL SOUNDER DOES NOT ANNUNCIATE
- THE LCD DISPLAY PROVIDES A MESSAGE TO IDENTIFY THE TROUBLE CONDITION

THE EXAMPLE SHOWN IDENTIFIES A TROUBLE CONDITION CAUSED BY AN OPEN CIRCUIT CONNECTION TO A NAC DEVICE.

LEDS FLASH YELLOW TO INDICATE A TROUBLE-SILENCE CONDITION



```
ALM=000 TBL=0001 SUP=000 00S=000 REL=00  
  
* TROUBLE NAC CIRCUIT 2 ZONE 0 *  
  
NODE=1 AUTOLEARN  
Monitored Output Trouble
```



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EMERGENCY CONTACT

IN THE EVENT OF AN EMERGENCY NOTIFY:

NAME	
COMPANY	
TELEPHONE MAIN #	
TELEPHONE CELL #	
ADDRESS	
CITY	
STATE	
ZIP	



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